



AP/1465  
PATENT

Attorney Docket No. 3028.1US (96-767.1)

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Joseph A. Walkowski  
Typed name of person mailing transmittal

November 2, 2000  
Date of Deposit

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Signature of person mailing transmittal

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: V. Perez-Ramos

Group Art Unit No.: 1765

Applicant(s): Lee et al.

Filing date: July 22, 1999

Serial No.: 09/358,940

For (title): HIGH SELECTIVITY BPSG TO TEOS ETCHANT

**COMMUNICATION TRANSMITTAL**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for filing in connection with the above-identified patent application, and submitted in the order listed, are:

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal).  
☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16. Any such fees may be charged to deposit account no. 20-1469.  
☐ Check no. in the amount of \$ for the presentation of extra claims as calculated in the remarks section below.  
☐ Preliminary amendment.  
☐ Amendment or other communication in response to the non-final office action mailed .  
☒ Amendment or other communication under 37 C.F.R. § 1.116 in response to the final office action mailed September 8, 2000.  
☐ Petition for Extension of Time in duplicate with check no. in the amount of \$.  
☐ Verified statement(s) to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27 signed by (or on behalf of) .  
☐ Information disclosure statement and information disclosure citation form PTO-1449 with copies of listed documents.

**Remarks:**

- ☒ An amendment has been made involving one or more claims in the application. The calculation to determine whether any additional fee is due is presented below.

	1	2	3		\$EXTRA
Total claims	14	-	14	=	0 x 18.00 =
Indep. claims	2	-	2	=	0 x 78.00 =
First presentation of a multiple dep. claim (+260.00)					
SUBTOTAL					0
Reduction for small entity - 50% of subtotal*					
TOTAL ADDITIONAL FEE (subtotal minus any reduction)					0

\*Verified statement(s) must be attached to support this reduction if small entity status has not been previously established.

- 1 Claims remaining after amendment.  
2 Highest number of claims previously paid for. Not less than 20 for total claims and 3 for independent claims.  
3 Difference between claims remaining and highest number previously paid for. If less than zero, enter "0."

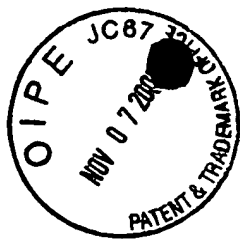
- ☒ The commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to deposit account no. 20-1469 during the entire pendency of this application.

Respectfully submitted,

[Signature]  
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Lee et al.

**Serial No.:** 09/358,940

**Filed:** July 22, 1999

**For:** HIGH SELECTIVITY BPSG TO  
TEOS ETCHANT

**Examiner:** V. Perez-Ramos

**Group Art Unit:** 1765

**Attorney Docket No.:** 3028.1US  
(96-767.1)

**CERTIFICATE OF MAILING**

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Joseph A. Walkowski  
Typed/printed name of person whose signature is contained above

**AMENDMENT UNDER 37 C.F.R. §1.116**

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Final Office Action mailed September 8, 2000, the three-month shortened statutory period for response to which expires on December 8, 2000. This response is submitted on or before two months from the mailing date of the Final Office Action.

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (Amended three times) An etchant solution which selectively etches borophosphosilicate glass over tetraethyl orthosilicate, said etchant solution comprising an organic acid and a fluoride-containing solution provided in a selected ratio relative to one another, wherein the volumetric ratio

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